Washington State Department of Agriculture
Pesticide Management Division
1111 Washington Street SE, 2nd Floor
P.O. Box 42589 • Olympia, WA 98504-2589
Telephone (360) 902-2030 • FAX (360) 902-2093
E-mail pestreg@agr.wa.gov
Web site http://agr.wa.gov

SUPPLEMENTAL INFORMATION FOR SPRAY ADJUVANT REGISTRATION

(BEFORE YOU COMPLETE THIS FORM, PLEASE REFER TO INSTRUCTIONS ON REVERSE)

Spray Adjuvant Brand Name:	Registrant:	Spray adjuvant function(s) claimed:
Name(s) of Principal Functioning Agent(s):		Total percentage of Principal Functioning Agent(s):
Have studies demonstrated product efficacy for all spray adjuvant functions claimed? (yes/no)	Are all ingredients exempted from the requirements for a tolerance under 40 CFR 180 or permitted for food use by 21 CFR 172, 182, or 184? (yes/no) Are any on EPA Inerts List 1 or List 2? (yes/no)	
Has phytotoxicity been observed? (yes/no) Plant species: Minimum UR value (if applicable):	Have biodegradation studies been conducted? (yes/no) Product classification:	Have aquatic toxicity studies been conducted for product? (yes/no)
Mammal Acute Toxicity Data:		
Oral LD50 (mg/kg)[1]: Species:	Dermal LD50 (mg/kg)[1]: Species:	Inhalation LC50 (mg/l)[1]: Species:
Eye irritation (category)[1]: Species:	Skin irritation (category)[1]: Species:	Dermal sensitization (yes/no)[1]: Species:
Signal word:	PPE required:	
Aquatic Acute Toxicity Data:		
Fish LC50 (mg/l)[2]: Species:	Fish NOEC (mg/l)[2]: Species:	Fish LC50 (mg/l)[2]: Species:
Fish NOEC (mg/l)[2]: Species:	Invertebrate EC50 (mg/l)[3]: Species:	Invertebrate NOEC (mg/l)[3]: Species:

Citations for studies referenced above [author(s), title, journal & page numbers (if applicable), date]:	
Print Name:	Title:
Signature:	Date:

[1] Value (mg/kg or mg/l) or category, species (e.g. rat or rabbit) and time period (e.g. 24-hr).
[2] Value (mg/l), species and time period (e.g. 96-hr). Rainbow trout (*Oncorhynchus mykiss*) or coho salmon (*Oncorhynchus kisutch*) are preferred.
[3] Value (mg/l), species and time period (e.g. 48-hr). *Daphnia magna* or *Daphnia pulex* are preferred.

Required Information

- **Spray adjuvant functions claimed** – Terms must be recognized by ASTM International (ASTM) Standard E 1519 and must be consistent with product ingredients. If ASTM has not defined a term, WSDA will determine the appropriate function statement. Information on obtaining ASTM standards is available on the ASTM web site at ***www.astm.org***.
- **Ingredients exempted under 40 CFR 180 or permitted by 21 CFR 172, 182 or 184 / Ingredients on EPA Inerts List 1 or List 2** – Information is used to determine if ingredients are permitted for use on food or feed crops (if applicable) and to determine if specific label restrictions are required. The Code of Federal Regulations is available on the Government Printing Office web site at ***www.access.gpo.gov/nara/cfr***. EPA Inerts Lists are available on the EPA web site at ***www.epa.gov/opprd001/inerts***.
- **Mammal acute toxicity** – Information on product acute toxicity (oral, dermal, inhalation, eye irritation and skin irritation) is needed to determine the appropriate signal word (danger, warning or caution) and precautionary statements (including personal protective equipment and first aid, when applicable). WSDA recommends using EPA Health Effects Test Guidelines for acute toxicity testing (OPPTS 870.1100, 870.1200, 870.1300, 870.2400, and 870.2500) to determine product toxicity. Test guidelines are available on the EPA web site at ***www.epa.gov/OPPTS_Harmonized***. If mammal acute toxicity studies have not been conducted on the product, submit information for the product components.
- **Aquatic acute toxicity (aquatic use)** – Aquatic acute toxicity data is needed for fish and aquatic invertebrates if the product is labeled for aquatic use. WSDA recommends using EPA Ecological Effects Test Guidelines for fish acute toxicity testing (OPPTS 850.1075) and aquatic invertebrate acute toxicity testing (OPPTS 850.1010). Test guidelines are available on the EPA web site at ***www.epa.gov/OPPTS_Harmonized***.

Requested Information

- **Efficacy** – Studies conducted by registrant or a recognized research institution demonstrating that product performs all functions claimed. WSDA may require submission of efficacy studies if functions claimed are not consistent with product ingredients, or if label statements appear to be false or misleading.
- **Phytotoxicity / Unsulfonated residue (UR) value** – Important if adjuvant will be applied to desirable plants. The UR value is for the oil component of products that contain petroleum oil.
- **Biodegradation** – Persistence of product in the environment. WSDA recommends using EPA Fate, Transport and Transformation Test Guidelines for aerobic aquatic biodegradation (OPPTS 835.3100) and anaerobic biodegradability of organic chemicals (OPPTS 835.3400). Test guidelines are available on the EPA web site at ***www.epa.gov/OPPTS_Harmonized***.
- **Mammal acute toxicity** - Information on product dermal sensitization. WSDA recommends using EPA Health Effects Test Guidelines for acute toxicity testing (OPPTS 870.2600) to determine product toxicity. Test guidelines are available on the EPA web site at ***www.epa.gov/OPPTS_Harmonized***.

WSDA CONTACT INFORMATION FOR SPRAY ADJUVANT REGISTRATION

For additional information on spray adjuvant registration contact the WSDA Pesticide Registration Section at (360) 902-2030 or e-mail ***pestreg@agr.wa.gov***. The fax number is (360) 902-2093. Spray Adjuvant registration information and forms are available on the WSDA web site at ***http://agr.wa.gov***. Information on organic registration requirements is also available on the WSDA web site, or by contacting the WSDA Organic Food Program at (360) 902-1805.

Inquiries regarding the availability of this information in an alternative format should be directed to the WSDA Receptionist at (360) 902-1976, or Telecommunications Device for the Deaf (TDD) at (360) 902-1996.